



248th ACS National Meeting and Exposition
August 10-14, 2014, San Francisco, CA
Chemistry and Global Stewardship

Divisions

Return to: [Divisions](#) -> [Sessions](#)

ENVR	Dionysios Dionysiou	Monday, August 11, 2014
------	---------------------	-------------------------

Oral Session

Water Challenges and Solutions on the Global Scale - AM Session

Location: San Francisco Marriott Marquis

Room: Foothill G1

Cosponsored by: CEI, MPPG

Financially supported by: Global Innovation Imperatives

Organizers: Bommanna Loganathan, Kiril Hristovski, Satinder Ahuja, Dionysios Dionysiou, Hessa Taft, Jailson De Andrade

Presiders: Kiril Hristovski, Satinder Ahuja

Duration: 8:05 am - 11:55 am

Pres Time	Pub #	Presentation Title
8:05 am		Introductory Remarks
8:10 am	165	Notable water challenges and solutions in Asia and the United States Satinder Ahuja
8:35 am	166	Representative water challenges in India: A study of select hotspots Sanjay Bajpai , Dandu Radha Prasada Raju, Vineet Saini, Neelima Alam.
9:00 am	167	Wastewater re-use and management in industrial sector Alok Adholeya
9:25 am	168	Tanneries to cloud forests: Water quality issues and solutions for Chocontá, Cundinamarca, Colombia Richard MT Webb , Joan Sebastián Caicedo, Estibaliz Aguilar Galeano, Leonardo Sáenz, Ana María García, Matthew C Larsen, Francisco Gómez.
9:50 am		Intermission
10:10 am	169	Raising awareness of water issues: The education connection, the educational potential Mark A Benvenuto
10:35 am	170	Overcoming the water treatment challenges in small, rural, and impoverished communities in developing countries: Realities and needs Kiril D. Hristovski
11:00 am	171	Solar photocatalytic disinfection of water for developing countries Brenda R. Cruz-Ortiz, J. Anthony Byrne , Patrick S.M. Dunlop, Emma Magee, Pilar Fernández-Ibáñez, M. Inmaculada Polo-Lopez, Kevin O'Shea, Dionysios D. Dionysiou, Jeremy W.J. Hamilton.
11:25 am	172	Water and land resources assessment using Landsat satellite data Sarah J Ryker , Matthew C Larsen.
11:50 am		Concluding Remarks

ENVR	Dionysios Dionysiou	Monday, August 11, 2014
------	---------------------	-------------------------

Oral Session

Water Challenges and Solutions on the Global Scale - PM Session

Location: San Francisco Marriott Marquis

Room: Foothill G1
 Cosponsored by: CEI, MPPG
 Financially supported by: Global Innovation Imperatives
 Organizers: Hessa Taft, Bommanna Loganathan, Satinder Ahuja, Dionysios Dionysiou, Jailson De Andrade, Kiril Hristovski
 Presiders: Hessa Taft
 Duration: 1:30 pm - 5:20 pm

Pres Time	Pub #	Presentation Title
1:30 pm		Introductory Remarks
1:35 pm	238	Legacy of large urban centers: Todos os Santos Bay case study Vanessa Hatje, Gisele O da Rocha, Jailson B de Andrade.
2:00 pm	239	Energy trends and the water-energy binomium for Brazil Jeancarlo P. dos Anjos, Gisele O. Da Rocha, Jailson B. de Andrade.
2:25 pm	240	Sustainable and low cost approach for cleaning metal contaminated water using pyrolyzed banana peels biochars Bluyé' B. DeMessie, Endalkachew Sahle-Demessie, George A. Sorial.
2:50 pm	241	Solar disinfection of wastewater for reuse in food crop irrigation Pilar Fernández Ibáñez, M. Inmaculada Polo Lopez, Françoise Bichai.
3:15 pm		Intermission
3:30 pm	242	Study on treatment of fermentation wastewater by Two-Stage EGSB Sijun Wu
3:55 pm	243	Removal and recovery of industrial wastewater containing phosphorus by heterogeneous ferrous phosphate crystallization in fluidized bed reactor Ricky Priambodo, Yao-Hui Huang.
4:20 pm	244	Reducing the Brazil's northeast drought effects in soils through the use of charcoal and biochar amendments Antonio Salvio Mangrich, Marta Eliane Doumer, Luciane Pimenta da Cruz Romao, Miquel Joan Vidal Espinar, Anna Rigol Parera.
4:45 pm		Panel Discussion
5:15 pm		Concluding Remarks

ENVR **Dionysios Dionysiou** **Wednesday, August 13, 2014**

Poster Session

Water Challenges and Solutions on the Global Scale - EVE Session

Location: San Francisco Marriott Marquis
 Room: Golden Gate Section A/B
 Cosponsored by: CEI, MPPG
 Financially supported by: Global Innovation Imperatives
 Organizers: Bommanna Loganathan, Dionysios Dionysiou, Hessa Taft, Jailson De Andrade, Kiril Hristovski, Satinder Ahuja
 Presiders: Bommanna Loganathan
 Duration: 6:00 pm - 8:00 pm

Pub #	Presentation Title
790	Pharmaceutical and personal care products residues in wastewater treatment plant samples from Kentucky and Georgia, USA Holly Mowery, Dylan Benningfield, Peng Shangwu, Kenneth Sajwan, Bommanna G. Loganathan.
791	Regional distribution of styrene oligomer generated from polystyrene degradation along the coastlines of Korea and Japan Bum Gun Kwon, Seon-Yong Chung, Akifumi Okabe, Koshiro Koizumi, Sachio Togawa, Yasushi Kamaya, Naoto Ogawa, Yoichi Kodera, Katsuhiko Saido.
792	Spatial and temporal assessment of the trophic state of the lagoon Bateias in Vitória da Conquista.

[Bahia-Brazil](#)

[Olandia Ferreira Lopes](#), Raildo Mota de Jesus, Felizardo Adenilson Rocha, Joseane Oliveira, Ana Verena Luciano Santos Campos, Givaldo Souza da Silva, Iara Oliveira Fernandes, Eduardo Freitas Rêgo, Murilo Pacheco Pitanga, Leonardo Dias Nascimento, Vanessa Paim dos Santos.

- 793 [Biotransformation of Cationic Red X-GRL by activated sludge under anaerobic condition](#)
[Bin Qiu](#), [Xinzhu Xu](#), [Huiwe Guo](#), [Dezhi Sun](#).
- 794 [Inhibitory effect of high \$\text{NH}_4^+\$ -N concentration on EGSB reactor treating fresh leachate from MSW incineration plants](#)
[Zhao Liu](#)
- 795 [Water-related disease and poudre de succession: Inheriting bad good intentions](#)
[Breckinridge Sharbel](#)
-
-